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GRADE 6 MATHEMATICS

CONSOLIDATION MODULE: ADDITION AND SUBTRACTION

DEVELOPED BY MR D MACKIER

CAPE WINELANDS EDUCATION DISTRICT

ADDITION AND SUBTRACTION

INSTRUCTIONS:

- 1.. DO ALL THE EXERCISES IN YOUR CLASSWORK BOOK SHWOING YOUR CALCULATIONS
2. NUMBER ACCORDING TO THE QUESTIONS PER SECTION
3. RATHER DO NOT USE A CALCULATOR AS THIS SERVES AS EXTRA PRACTICE
4. FIRST ATTEMPT TO ANSWER ALL THE QUESTIONS BEFORE YOU CHECK ANSWERS AT THE END OF EACH SECTION

Dear learner, the purpose of these exercises is to provide you opportunity to practice key calculations in Maths. Is was developed specially for you and we trust that you will benefit from this. Enjoy!!

SECTION A: CALCULATE

1. $500 - 200 = \square$	2. $80\ 000 + 70\ 000$
3. $80 + 70 = \square$	4. $8\ 000 + 7\ 000 = \square$
5. $18\ 293\ 476 + 1\ 029\ 531 = \square$	6. $56\ 500\ 879 - 12\ 439\ 421 = \square$
7. $3\ 500 - 1\ 100 = 2\ 300 + \square$	8. $5\ 127 - \square = 1\ 871 + 2\ 256$
9. $\square + 91 + 5623 + 911 = 6630$	10. $140\ 000 - 80\ 000 = \square$
11. $50\ 840 + 12\ 798 = \square$	12. $9\ 090 + 32\ 546 = \square$
13. $(7233 - 921) + (310 + 1005) = \square$	14. $844 + (754 - 120 - 210) = \square$
15. $(6834 - 5124) + (312 + 390) - (193 + 38) = \square$	16. $33\ 008 - \square = 2\ 159$
17. $862\ 164 - 252\ 308 = \square$	18. $9\ 543 - \square = 1\ 746$
19. $48\ 132\ 975 + 1\ 639\ 201 = \square$	20. $438\ 301 - 139\ 574 = \square$

SECTION B; ROUTINE PROBLEM SOLVING

Solve the problems:

1. Dan found 295 seashells on the beach, he gave Melanie 95 of the seashells. How many seashells do he now have?	2. Joan has read 1 366 pages in a book. Benny has read 722 pages and Grant read 327. How many pages did they read together?
3. Mike's high school played 896 football games this year. He attended 369 games. How many football games did Mike miss?	4. There are 2 109 maple trees currently in the park. Park workers will plant 1 506 more maple trees today. How many maple trees will the park have when the workers are finished?
5. Jason likes to collect coins. Jason got 136 coins from his brother, 270 coins from his mother, as well as 314 coins from John. However, Jason lost 216 coins before putting those coins into his piggybank. How many coins does Jason have in his piggybank?	6. Farm workers picked 324 587 pears during the morning. After lunch they picked more pears. By the end of the day, they had 866 463 pears. How many pears did they pick after lunch?
7. John, Xhanti and Piet participate in an athletics event at school. John ran 10,72 seconds, Xhanti ran 10,7 seconds and Piet ran 10,07 seconds. Who came first?	8. Lindiwe spent R 275,95 on ingredients to bake a cake. Yolanda spent R25,50 more than Lindiwe on the ingredients. How much money did Yolanda spend?
9. A factory makes 10 562 pairs of shoes in a month. If they made 3 789 fewer pairs for this month than usual, how many pairs of shoes were made?	10. Geraldine bought a plot for R300 000. She then built a house on the plot for R600 000. How much did Geraldine pay altogether for the plot and the house?
11. A farmer already owns 700 hectares of farmland. He buys three more farms: one of 300 hectares, one of 700 hectares and one of 400 hectares. How many hectares of farmland does he now own?	12. Farmer Mphuthi owns 6 000 hectares of land and farmer MacBride owns 9 000 hectares of land. How much more land does farmer MacBride own than farmer Mphuthi?
13. Bert and Simanga both run a long-distance race. After some time Simanga has covered 18 000 m, and Bert has covered 13 000 m. How far is Simanga ahead of Bert?	14. Mr. Samson bought a car for R78 749. He paid R47 535 in cash. How much does he still owe?
15. A local municipality has already spent R12 102 436 of its housing budget of R85 514 559. How much money is still available?	16. 253 476 new houses were built by the government in new settlements during a certain year. At the end of the year, there were 913 658 houses in the new settlements. How many houses were there at the beginning of that year?
17. During a previous election there were 863 458 registered voters in a certain city. During the next election there were 808 389 voters in the city. Did the number of voters increase or decrease? By how many?	18. 517 866 learners wrote the Grade 12 examinations in 2009, and 100 376 more wrote in 2014. How many learners wrote the examinations in 2014?
19. The budgets of two schools are R874 800 and R978 500 for the year. How much is their combined budgets?	20. A pre-primary school's budget is R964 500. This is R106 600 more than the previous year. What was the budget the previous year?

SECTION C: MULTIPLE CHOICE ITEMS

ONLY WRITE THE LETTER YOU CHOSE NEXT TO THE CORRECT NUMBER

<p>1. $40 + 700 + 70$</p> <p>A) 144 B) 81 C) 810 D) 710</p>	<p>2. Find the sum of 756 and 3493</p> <p>A) 4250 B) 4249 C) 4239 D) 4349</p>
<p>3. What is 207 increased by 44?</p> <p>A) 251 B) 261 C) 241 D) 250</p>	<p>4. Find 39 subtracted from 73</p> <p>A) 134 B) 28 C) 112 D) 34</p>
<p>5. $158 = \underline{\quad} + 106$. What number will come in the blank to make the number sentence correct?</p> <p>A) 52 B) 152 C) 158 D) 264</p>	<p>6. What is the inverse operation needed to solve for p? $765 = p - 254$</p> <p>A) subtraction B) addition C) multiplication D) division</p>
<p>7. What is the inverse operation needed to solve for p? $594 = p + 400$</p> <p>A) subtraction B) addition C) multiplication D) division</p>	<p>8. Andy's top speed was 152 km/h. Find Dale's top speed if Dale's top speed was 17 km/h less than Andy's.</p> <p>A) 135 km/h B) 169 km/h C) 65 km/h D) 87 km/h</p>

<p>9. Choose the equation showing the 'Additive Property of Zero'.</p> <p>a) $4 + 1 = 1 + 4 = 4$ b) $4 \times 0 = 0$ c) $4 + 0 = 4$ d) $4 \div 0 = 4$</p>	<p>10. Choose the equation showing the 'Additive Property of Zero'.</p> <p>a) $15 \times 0 = 0$ b) $15 + 0 = 0$ c) $15 \times 0 = 15$ d) $15 + 0 = 15$</p>
<p>11. Calculate: $8 - 5 + (8 + 3)$</p> <p>a) 16 b) 8 c) 24 d) 14</p>	<p>12. Calculate: $(6 - 5 + 9) - 7$</p> <p>a) 3 b) 1 c) 7 d) 0</p>
<p>13. Calculate: $10 - 9 + (6 + 6)$</p> <p>a) 11 b) 13 c) 12 d) 1</p>	<p>14. $26 + 16 - 10 - 10$</p> <p>a) 32 b) 30 c) 12 d) 22</p>
<p>15. For which of the following do you get the same answers?</p> <p>(a) $(8\ 765 - 3\ 638) - (1\ 847 + 1\ 386)$ (b) $8\ 765 - (3\ 638 - 1\ 847) + 1\ 386$ (c) $8\ 765 - (3\ 638 + 1\ 847) + 1\ 386$ (d) $(8\ 765 - 3\ 638) - (1\ 847 - 1\ 386)$</p>	<p>16. Find the difference between the two numbers. 46 194 and 37 466</p> <p>a) 8 728 b) 8 278 c) 8 827 d) 8 782</p>
<p>17. Calculate the sum of 26 367; 34 528 and 47 657.</p> <p>a) 108 858 b) 60 895 c) 360 895 d) 108 552</p>	<p>18. Ronald runs a dairy farm. Last year Ronald spent R7 859 to buy a cow. This year he spent R9 124 more than that. How much more did Ronald pay?</p> <p>A. R1 265 B. R16 983 C. R1 256 D. R2 156</p>

<p>19. In the Delhi Book Fair conducted this year, 2 630 446 visitors came on Saturday, 1 216 717 visitors came on Sunday, 1 727 845 visitors came on Monday, and 110 337 visitors came on Tuesday. How many visitors, in total, visited the Delhi Book Fair?</p> <p>a) 5 685 345 b) 5 865 345 c) 5 586 435 d) 5 658 345</p>	<p>20. The population of a city is 6 335 290. If there are 4 961 019 adults in the city, how many children are there in the city?</p> <p>A. 1 734 271 B. 1 437 271 C. 1 374 271 D. 1 743 271</p>
<p>21. Which number when subtracted from 14 558 497 gives 6 146 287</p> <p>a) 8 412 210 b) 8 142 210 c) 8 412 201 d) 8 124 120</p>	<p>22. The sum of two numbers is 17 863. If one of the addends is 8117 greater than the other addend, then what is the value of the larger addend?</p> <p>A. 12 990 B. 9 746 C. 25 980 D. 17 863</p>
<p>23. The sum of two even numbers is an odd number.</p> <p>a) True b) False c) not one of the above</p>	<p>24. The sum of three consecutive numbers (e.g. 4, 5, 6) is 138. What is the biggest of these numbers?</p> <p>a) 51 b) 40 c) 53 d) 43 e) 47</p>
<p>25. Which three of the five numbers below, rounded off to the nearest 10, has a sum of 70? 16; 19; 14; 8; 25</p> <p>a) 8;12; 25 b) 14;19;25 c) 8;16;19 d) 8;19;25 e) 16;19;25</p>	<p>26. The Robin's Nest Nursing Home had a fundraising goal of R9 500. By the end of the fundraiser, they had exceeded their goal by R2 100. How much did they raise?</p> <p>a) R7 400 b) R13 600 c) R10 600 d) R11 600</p>
<p>27. The Stormers played 25 home games this year. They had 9 losses and 2 ties. How many games did they win?</p> <p>a) 14 b) 11 c) 13 d) 12</p>	<p>28. A famous dictionary contains 2012 pages. A new version includes 1003 more pages. What is the total number of pages in a new version?</p> <p>a) 3015 b) 1009 c) 3105 d) 1900</p>
<p>29. A poultry farm produced 5220691 eggs in a year. It packaged 4864217 eggs and sent them to the market while 105068 eggs got destroyed. How many eggs are left on the poultry farm?</p> <p>a) 251406 b) 272023 c) 10 189 976 d) 0</p>	<p>30. The difference between the smallest 6-digit number and the largest 3 digit number is:</p> <p>a) 12345 b) 99001 c) 900001 d) 98765</p>

ANSWERS/ MEMORANDUM:

SECTION A:

1. 300	2. 150 000
3. 150	4. 15 000
5. 19 323 007	6. 44 061 458
7. 100	8. 1000
9. 5	10. 60 000
11. 63 638	12. 41 636
13. 4 997	14. 1268
15. 2 181	16. 30 849
17. 609 856	18. 7 797
19. 49 772 176	20. 298 727

SECTION B:

1. 200	2. 2415
3. 527	4. 3615
5. 504	6. 541 876
7. Piet	8. R298,45
9. 6773	10. R900 000
11. 2100	12. 3000
13. 5000m	14. R31 214
15. R73 412 123	16. 660 182
17. Decrease / Gedaal with/met 55 069	18. 618 242
19. R1 853 300	20. R857 900

SECTION C:

1. 810	2. 4249
3. 251	4. 34
5. 52	6. B addition / optelling
7. A subtraction / aftrekking	8. 135 km/h
9. C : $4 + 0 = 4$	10. D : $15 + 0 = 15$
11. D : 14	12. A : 3
13. B : 13	14. D : 22
15. A & B the same and C & D the same	16. A : 8728
17. D : 108 552	18. B : R16 983
19. A : 5 685 345	20. C : 1 374 271 children / kinders
21. 8 412 210	22. A : 12 990
23. B : False	24. E : 47
25. E : 16; 19; 25	26. D : R11 600
27. A : 14	28. A: 3015
29. A : 251 406	30. B : 99001